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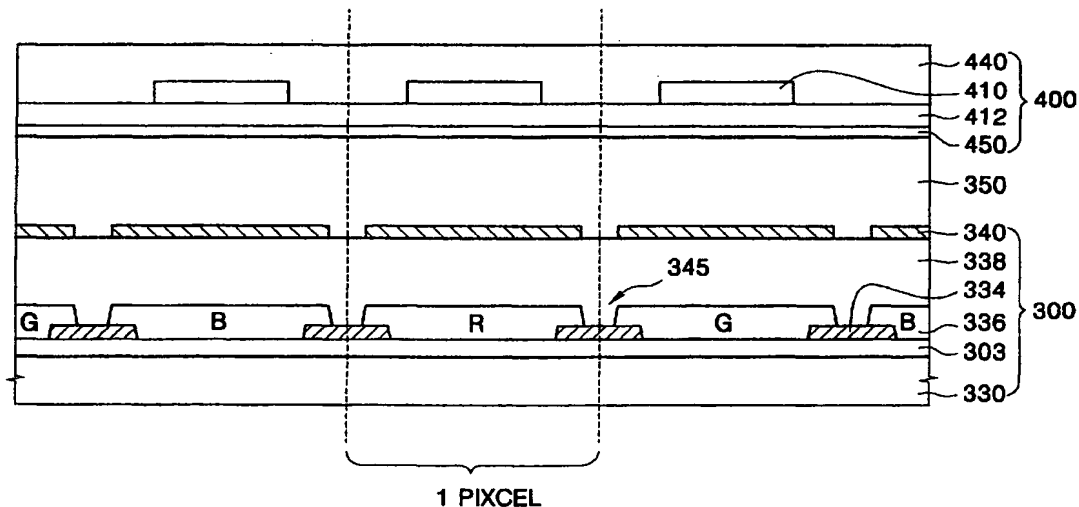
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(54) Title: **LIQUID CRYSTAL DISPLAY DEVICE BUILT-IN FINGER PRINTING DEVICE AND METHOD OF MANUFACTURING THE SAME**



(57) Abstract: A liquid crystal display device having fingerprint identification device for enhancing aperture ratio and transmissivity of a TFT-LCD panel is disclosed. A fingerprint identification substrate (400) is attached to a TFT substrate (300). The TFT substrate has color-filter-on-array structure in which the color filters (336) and the thin film transistors can be eliminated, the aperture ratio is increased, and the quality of image display is enhanced. In addition, the transmissivity is increased according to the decrease of the number of glass substrate used in the liquid crystal display device, so that the sensitivity of fingerprint identification is enhanced.

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